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Updated October 9, 2015  
Schedule Subject to Change  
More FY16 Releases to be Added as  
Dates Become Available

## FY15-16 Web-Based Training Release Schedule

Training Deliverable	Audience	Release Date	Delivery Method	Length	Learning Center Search Keywords	Notes
Use of Probabilistic Surge Guidance in Local Storm Surge Forecasting	Forecasters with Tropical/Coastal Responsibilities	Jul '15	Learning Center, MetEd Site	45 Min	Probabilistic Surge	Sponsored by NOAA NWS
Determining the Onset and Risk of Tropical Cyclone Winds	Forecasters in regions affected by Tropical Cyclones	Jul '15	Learning Center, MetEd Site	1 Hour	Onset	Sponsored by NOAA NWS
Introduction to Meteorological Charting	All Forecasters	Jul '15	Learning Center, MetEd Site	45 Min	Charting	Sponsored by NOAA NWS IAO
Using Scatterometer Wind and Altimeter Wave Estimates in Marine Forecasting	Forecasters with Marine Responsibilities	Jul '15	Learning Center, MetEd Site	1 Hour	Marine	Sponsored by EUMETSAT
Can total lightning help with warnings for non-supercell tornadoes?	All Forecasters	Jul '15	Learning Center, VISIT Site	35 Min	Non-Supercell	New VISIT/CIRA session
Use of VIIRS Imagery for Tropical Cyclone Forecasting	All Forecasters	Aug '15	Learning Center, VISIT Site	12 Min	Use of VIIRS	New VISIT/CIRA session
1-minute Visible Satellite Imagery Applications for Severe Thunderstorms	All Forecasters	Aug '15	Learning Center, VISIT Site	22 Min	1-minute	New VISIT/CIRA session
Tracking the Elevated Mixed Layer with a New GOES-R Water Vapor Band	All Forecasters	Aug '15	Learning Center, VISIT Site	20 Min	Elevated Mixed	New VISIT/CIRA session
NOAA/CIMSS ProbSevere Product	All Forecasters	Aug '15	Learning Center, VISIT Site	31 Min	ProbSevere	New VISIT/CIMSS session
NUCAPS Soundings in AWIPS	All Forecasters	Aug '15	Learning Center, VISIT Site	17 Min	NUCAPS	New VISIT/CIMSS session
MRMS Hydro Track Lesson – Use of MRMS Products at WFOs - River Flood Events	Forecasters at WFOs	Aug '15	Learning Center	14 min	MRMS	Overview of MRMS products as related to river flooding events for WFOs.
Ship-based Sea and Lake Ice Observing	Forecasters with Marine Responsibilities	Aug '15	Learning Center, MetEd Site	2-3 Hours	Ship-based	Sponsored by Navy
Introduction to Tropical Meteorology, 2nd Edition: Chapter 6 - Vertical Transport	Forecasters with Tropical Responsibilities	Sep '15	Learning Center, MetEd Site	1 Hour	Vertical Transport	Sponsored by NOAA NWS IAO
HYSPLIT Applications for Emergency Decision Support V2	All Forecasters	Sep '15	Learning Center, MetEd Site	3 Hours	HYSPLIT	Sponsored by NOAA NWS
Tropical Cyclone Forecast Uncertainty	Forecasters in regions affected by Tropical Cyclones	Sep '15	Learning Center, MetEd Site	45 Min	Forecast Uncertainty	Sponsored by NOAA NWS
Introduction to the National Blend of Global Models	All Forecasters	Sep '15	Learning Center, MetEd Site	30 Min	National Blend	Sponsored by NOAA NWS
Use of Probabilistic Guidance for Local Tropical Cyclone Wind Forecasting	Forecasters in regions affected by Tropical Cyclones	Sep '15	Learning Center, MetEd Site	45 Min	Local Tropical	Sponsored by NOAA NWS
MRMS Hydro Track Lesson – Use of MRMS Products at RFCs	Forecasters at RFCs	Sep '15	Learning Center	20 min	MRMS	Overview of MRMS products as related to river flooding events for RFCs.
Governance Overview Presentation- For all employees	All NWS/NOAA	Sep '15	NWS Insider	30 Min	TBD	owner req. "no LMS"
Operational Models Encyclopedia	All Forecasters	Oct '15	MetEd Site	2-3 Hours		Sponsored by NOAA NWS
Wind Impact Recognition	Forecasters in regions affected by Tropical Cyclones	Oct '15	Learning Center, MetEd Site	45 Min	Impact Recognition	Sponsored by NOAA NWS
Introduction to Climatology for the Tropical Pacific Islands	Forecasters in the Tropical Pacific Region	Oct '15	Learning Center, MetEd Site	1.5 Hours	Pacific Islands	Sponsored by NOAA NWS IAO

<b>Multi Radar Multi Sensor (MRMS) Applications</b>	Forecasters at WFOs, RFCs, and CWSUs	<b>Oct '15</b>	Learning Center	1-2 Hours	<b>MRMS</b>	General overview was for all users (Oct 2014), and 3 applications tracks (Severe, Hydro, and Aviation) will target WFO and CWSU operations.
<b>Tracking Meteogram</b>	Forecasters at AWIPS-2 sites	<b>Oct '15</b>	Learning Center, Applied Exercises	20 Min	<b>Tracking Meteogram</b>	Training on a new AWIPS-2 tool that provides a time series of data generated from an interactive polygon tracking tool.
<b>WHFS Focal Point Hydro Perspective</b>	WFO Hydro Focal Point	<b>Oct '15</b>	Learning Center	20 min	<b>WHFS Focal Point</b>	WFO Hydro Focal Point duties as WHFS application manager - Hydro Perspective
<b>WHFS Focal Point Hydro Time Series</b>	WFO Hydro Focal Point	<b>Oct '15</b>	Learning Center	15 min	<b>WHFS Focal Point</b>	WFO Hydro Focal Point duties as WHFS application manager - Hydro Time Series
<b>Aviation Turbulence</b>	Forecasters with Aviation Responsibilities	<b>Oct '15</b>	Learning Center, MetEd Site	1 Hour	<b>Turbulence</b>	Sponsored by NOAA NWS Aviation
<b>Enroute Icing</b>	Forecasters with Aviation Responsibilities	<b>Oct '15</b>	Learning Center, MetEd Site	1.25 Hours	<b>Enroute</b>	Sponsored by DOT FAA
<b>MRMS - Products</b>	All Forecasters	<b>Oct '15</b>	Learning Center	2.5 Hours	<b>MRMS Products</b>	
<b>MRMS - Application to the Warning Process</b>	All Forecasters with Warning Responsibilities	<b>Oct '15</b>	Learning Center	1.5 Hours	<b>MRMS Application</b>	
<b>Understanding the New WFO TCV</b>	Forecasters with Tropical Cyclone Responsibilities	<b>Oct '15</b>	Learning Center	32 Min	<b>TCV</b>	
<b>AWIPS-2 Sea Surface Current Product</b>	AWIPS-2 Users with Marine Responsibilities	<b>Oct '15</b>	Learning Center	15 Min	<b>Sea Surface Current</b>	Training on the AWIPS-2 Sea Surface Current Product from coastal high-frequency radar network.
<b>AWIPS-2 ENI Total Lightning</b>	AWIPS-2 Users	<b>Oct '15</b>	Learning Center		<b>Total Lightning</b>	Training on the AWIPS-2 ENI Total Lightning Product.
<b>Aviation Convective Evolution/Cessation</b>	Forecasters with Aviation Responsibilities	<b>Nov '15</b>	Learning Center, MetEd Site	1 Hour	<b>Cessation</b>	Sponsored by NOAA NWS Aviation
<b>A Brief Introduction to Social Science: A course for physical scientists</b>	All Forecasters	<b>Nov '15</b>	Learning Center, VISIT Site	30 Min	<b>Social Science</b>	New VISIT/CIRA session
<b>Operational Use of the Nearshore Wave Prediction System (NWPS), Part 1: Basics and Background</b>	Forecasters with Marine Responsibilities	<b>Nov '15</b>	Learning Center	30 Min	<b>NWPS</b>	Part 1 to cover motivation and model basics. Part 2 planned for late FY16 to cover forecast methodology.
<b>Radar &amp; Applications Course (RAC; Formerly DLOC) FY16</b>	Recently Hired Interns	<b>Nov '15</b>	Learning Center, WES-2 Bridge, & Week Long Workshop	80-100 Hours	<b>RAC</b>	
<b>AWIPS-2 Fundamentals</b>	New NWS forecasters before taking DLOC in FY16	<b>Nov '15</b>	Learning Center, WES-2 Bridge	15 - 30 Hours	<b>AWIPS Fundamentals</b>	Fundamental AWIPS training (previously DLOC Topic 1). This will be a prerequisite for DLOC (RAC) FY16.
<b>Archiver Training for Forecasters</b>	All Forecasters	<b>Nov '15</b>	Learning Center	TBD	<b>Archiver Training</b>	
<b>WHFS Focal Point River Monitor</b>	WFO Hydro Focal Point	<b>Nov '15</b>	Learning Center	15 min	<b>WHFS Focal Point</b>	WFO Hydro Focal Point duties as WHFS application manager - River Monitor
<b>WHFS Focal Point Precip Monitor</b>	WFO Hydro Focal Point	<b>Nov '15</b>	Learning Center	10 min	<b>WHFS Focal Point</b>	WFO Hydro Focal Point duties as WHFS application manager - Precip Monitor
<b>WES-2 Bridge Training for SOOs and DOHs</b>	SOOs and DOHs	<b>Nov-Dec '15</b>	Learning Center	TBD	<b>WES-2 Bridge</b>	
<b>Broadcast Message Handler (BMH) Focal Point Training</b>	BMH Focal Points	<b>Dec '15</b>	Learning Center	TBD	<b>BMH, CRS</b>	
<b>Broadcast Message Handler (BMH) User Training</b>	All BMH Users	<b>Dec '15</b>	Learning Center	TBD	<b>BMH, CRS</b>	
<b>WHFS Focal Point Hydro Database Manager (HydroBase)</b>	WFO Hydro Focal Point	<b>Dec '15</b>	Learning Center	45 min	<b>WHFS Focal Point</b>	WFO Hydro Focal Point duties as WHFS application manager - Hydro Database Manager (HydroBase) application. This GUI interfaces with the

Governance For Managers	All NWS/NOAA	Dec '15	TBD	TBD	TBD	TBD
Appropriations Overview (Governance Series)	All NWS/NOAA	Dec '15	TBD	TBD	TBD	TBD
Impact Based Warnings	All forecasters with warning responsibilities	Dec '15	Learning Center and possibly WES-2 Bridge	TBD	IBW	Training delivery dependent on Impact Based Warnings being implemented nationally for Spring 2016
Automated Microburst Detection Algorithm (AMDA)	All forecasters with severe thunderstorm warning responsibility	Dec '15	Learning Center and possibly WES-2 Bridge	20 Min	AMDA	New microburst detection algorithm from the FAA via the RPG Build 16 and AWIPS-2 14.4.1.
Damage Path Tool	All Forecasters	Dec '15	Learning Center	20 Min	Damage Path Tool	Overview of the new damage path tool used to provide first responders with possible tornado tracks in near-real time.
Boundary Tool	All Forecasters	Dec '15	Learning Center	20 Min	Boundary Tool	New tool to track boundaries.
All Tilts Enhancement	All Forecasters	Dec '15	Learning Center	15 Min	All Tilts	New All Tilts capability makes analyzing SAILS data more intuitive
mPING	All Forecasters	Dec '15	Learning Center	20 Min	mPing	real time mPING crowd-sourced weather observations in AWIPS-2
Component Gridded Products (for National Blend of Global Models)	All Forecasters	Dec '15	Learning Center, MetEd Site	45 Min	Gridded	Sponsored by NOAA NWS
COSMIC 2 Lesson	Forecasters using COSMIC 2 data and products	Jan '16	Learning Center, MetEd Site	1 Hour	COSMIC	
JPSS River Ice and Flooding	All Forecasters	Jan '16	Learning Center, MetEd Site	30 Min	JPSS	Sponsored by NOAA JPSS
Integrating Climate Change Adaptation Into Water and Environmental Resources Management	All who deal with water resource issues	Jan '16	Learning Center, MetEd Site	2 Hours	Adaptation	Sponsored by USBR
SREF Upgrade	All Forecasters	Jan '16	Learning Center, MetEd Site	30 Min	SREF	Sponsored by NOAA NWS
Warning Operations Course (WOC): Flash Flood	Forecasters with warning responsibilities at WFOs	Jan '16	Learning Center, WES-2 Bridge Workstation	6 hours	WOC Flash Flood	Annual training update
WHFS Focal Point RiverPro	WFO Hydro Focal Point	Jan '16	Learning Center	45 min	WHFS Focal Point	WFO Hydro Focal Point duties as WHFS application manager - RiverPro. Maintain templates to generate forecasts for river forecast points from
Data Delivery	All AWIPS-2 users	Feb '16	Learning Center	TBD	AWIPS-2; Data Delivery	
Listening to our Partners and Customers	All NWS/NOAA	Feb '16	Learning Center	TBD	Listening, Communication	Title still unknown, likely a "curricula" in the LMS
Customer Service for NWS Partners	All NWS	Feb '16	Learning Center	TBD	Customer Service, Partner Relations	Title still unknown, likely a "curricula" in the LMS
WHFS Focal Point Site Specific Hydrologic Predictor (SSHHP)	WFO Hydro Focal Point	Feb '16	Learning Center	30 min	WHFS Focal Point	WFO Hydro Focal Point duties as WHFS application manager - SSHHP. Maintain configuration and train staff to use SSHHP for your Site Specific
Ocean Acidification	Forecasters at coastal offices	Feb '16	Learning Center, MetEd Site	1 Hour	Acidification	Sponsored by WMO
Global Navigation Satellite Systems (GNSS) Positioning	All who use Global Navigation Satellite System (GNSS) data	Feb '16	Learning Center, MetEd Site	45 Min	GNSS	Sponsored by NOAA NOS
Gravity for Geodesy	All interested in Earth's gravity field	Feb '16	Learning Center, MetEd Site	30 Min	Gravity	Sponsored by NOAA NOS
HiresW HREF Upgrade	All Forecasters	Mar '16	Learning Center, MetEd Site	30 Min	HiresW	Sponsored by NOAA NWS

<b>WSR-88D Build Training - Build 16.1 Training</b>	Users of WSR-88D	<b>Mar '16</b>	Learning Center	TBD	<b>WSR-88D</b>	Training for Beta sites will occur in Feb '16.
<b>Damage Assessment Toolkit Training</b>	All Forecasters	<b>Mar '16</b>	Learning Center	TBD	<b>Damage Assessment Toolkit</b>	
<b>MRMS - Hydro Applications (FFMP &amp; FLASH)</b>	All forecasters with flash flood or other hydro responsibilities	<b>Mar '16</b>	Learning Center	TBD	<b>MRMS Hydro</b>	
<b>MRMS - Autonowcaster</b>	All forecasters with warning responsibilities	<b>Mar '16</b>	Learning Center	TBD	<b>MRMS Autonowcaster</b>	
<b>WHFS Focal Point HydroGen Manager</b>	WFO Hydro Focal Point	<b>Mar '16</b>	Learning Center	30 min	<b>WHFS Focal Point</b>	WFO Hydro Focal Point duties as WHFS application manager - HydroGen Manager - for ensuring proper updates occur to AHPS pages in your CWA.
<b>WHFS Focal Point Dam Catalog</b>	WFO Hydro Focal Point	<b>Mar '16</b>	Learning Center	20 min	<b>WHFS Focal Point</b>	WFO Hydro Focal Point duties as WHFS application manager - Ensure Dam Catalog configuration and static data are up-to-date to produce useful
<b>2016 Tropical Training Module Updates</b>	Forecasters with Tropical/Coastal Responsibilities	<b>Apr '16</b>	Learning Center		<b>2016 Tropical</b>	Training covering changes/enhancements to tropical program for 2016 hurricane season.
<b>Hazard Services (Hydro Capability)</b>	All forecasters with hydro watch and warning responsibility	<b>Apr '16</b>	Learning Center	TBD	<b>Hazard Services</b>	Optional new tool to generate all hydro watch and warnings.
<b>Ensemble Tool</b>	All Forecasters	<b>Apr '16</b>	Learning Center	TBD	<b>Ensemble Tool</b>	New tool to view statistics on ensemble data
<b>FFMP Annual Recurrence Interval Capability</b>	All forecasters with flash flood responsibility	<b>Apr '16</b>	Learning Center	30 Min	<b>FFMP Annual</b>	New FFG from annual recurrence interval climatology
<b>Sea Level Module</b>	Forecasters at coastal offices	<b>Apr '16</b>	Learning Center, MetEd Site	45 Min	<b>Sea Level</b>	Sponsored by USBR
<b>Empowering Your Message: Public Speaking and Body Language Training</b>	All NWS/NOAA	<b>Apr '16</b>	Learning Center	TBD	<b>Body Language, Speaking, Presenting,</b>	A series of videos tied to a coaching program
<b>WHFS Focal Point MPE</b>	WFO Hydro Focal Point and RFC MPE Focal Point	<b>Apr '16</b>	Learning Center	60 min	<b>MPE</b>	WFO Hydro Focal Point and RFC MPE Focal Point to ensure proper configuration and performance of MPE in AWIPS-2.
<b>Written Communication Training</b>	All NWS/NOAA	<b>May '16</b>	Learning Center	TBD	<b>Grammar, Plain Language, Communication</b>	Curricula with Writing Basics Review, Plain Language, and Communicating Weather Events topics
<b>Warning Operations Course (WOC): Core Warning Decision Making</b>	Recent RAC Graduates (All Forecasters for New Lessons)	<b>May '16</b>	Learning Center	TBD	<b>WOC Core</b>	FY16 update of course
<b>Warning Operations Course (WOC): Severe</b>	Recent RAC Graduates (All Forecasters for New Lessons)	<b>May '16</b>	Learning Center	TBD	<b>WOC Severe</b>	FY16 update of course
<b>WHFS Application User Courses</b>	WFO staff	<b>May - Sep '16</b>	Learning Center	Approx 20 min each	<b>WHFS Application</b>	Series of approx 10 courses for Users of WHFS applications in AWIPS-2.
<b>Communicating with Visuals</b>	All NWS/NOAA	<b>June '16</b>	Learning Center	TBD	<b>PowerPoint, Graphic Design, Social Media</b>	Curricula with Basic and Advance PowerPoint, Graphic Design Basics, and Social Media Graphics topics
<b>Forecast Decision Support Environment (FDSE) Data Monitor</b>	Forecasters and AWIPS Focal Points	<b>Jul '16</b>	Learning Center	20 Min	<b>FDSE</b>	New monitoring capability in AWIPS-2
<b>Tsunami Ready</b>	Forecasters at coastal offices	<b>Jul '16</b>	Learning Center, MetEd Site	1.5 Hours	<b>Tsunami</b>	Sponsored by NOAA NWS
<b>MRMS - Next Generation Severe Products</b>	All Forecasters with Warning Responsibilities	<b>Aug '16</b>	Learning Center	TBD	<b>MRMS NextGen</b>	
<b>Operational Use of the Nearshore Wave Prediction System (NWPS), Part 2: NWPS Forecast Process</b>	Forecasters with Marine Responsibilities	<b>Sep '16</b>	Learning Center	30 Min	<b>NWPS</b>	Part 1 to cover motivation and model basics. Part 2 planned for late FY16 to cover forecast methodology.
<b>Warning Operations Course (WOC): Winter Weather</b>	All Forecasters with Winter Weather Warning Responsibilities	<b>Sep '16</b>	Learning Center	TBD	<b>WOC Winter Weather</b>	Major Overhaul to previous versions of course

<b>WSR-88D Build Training - Build 17.0 Training</b>	Users of WSR-88D	<b>Sep '16</b>	Learning Center	TBD	<b>WSR-88D</b>	Training for beta sites will occur in Apr '16
<b>Classification (Governance Series)</b>	All NWS/NOAA	<b>TBD</b>	TBD	TBD	<b>TBD</b>	TBD
<b>Internal Control (Governance Series)</b>	All NWS/NOAA	<b>TBD</b>	TBD	TBD	<b>TBD</b>	TBD